Forensic and Analytical Chemistry

University of Strathclyde

Content

Year 1:
You'll take foundation classes in chemistry and mathematics, and either physics or biology. In addition, you are given the opportunity to take elective classes including forensic science, drug discovery, chemical engineering, and subjects from other areas of the University.

Practical chemistry laboratory sessions help you to master basic preparative and analytical skills. You'll spend one afternoon in the laboratory and the rest of your time will be in lectures and tutorials.

Years 2 and 3:
You'll take classes in fundamental inorganic, organic, biological and physical chemistry, plus forensic trace analysis and analytical chemistry. You'll have a choice of electives as in Year 1.

Laboratory work increases to four afternoons per week and your practical skills are enhanced with computer modelling and group exercises to develop presentational skills.

Year 4:
MChem students may undertake a 12-month industrial placement, specialising in either forensic or analytical chemistry. Academic research and knowledge exchange placements are also available.

Year 5:
In the final year, you'll specialise in the areas and applications that interest you most including DNA analysis, toxicology, process analytical chemistry, and atomic/nuclear spectroscopy. In addition, in a specialist topic of your choice, you will undertake a research project leading to the submission of a dissertation.

Start Date

October

Qualification

Degree

Study Method

Full time

Award Title

MChem

UCAS Code

FF41

Course Length

5 years

Faculty

Faculty of Science

Department

Pure and Applied Chemistry

Entry Requirements

2026 entry requirements

Standard entry:
4 Highers at AABB or AAAC including Chemistry and Maths at B plus English at National 5 (if not held at Higher). Higher English preferred. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

Widening access entry:
4 Highers at ABBB or AABC including Maths and Chemistry at B plus English at National 5 (if not held at Higher). Higher English preferred. Advanced Higher Maths and Chemistry recommended for sixth year entrants.

Entry to year 2 may be possible with Advanced Highers Maths, Chemistry and Biology or Physics at ABB.

A Foundation Apprenticeship is accepted in place of a non-essential Higher.

SCQF Level

11

Progression Routes

«ProgressionRoutes»

Combination Courses

«htmlCombinationCourse» «htmlCombinationUCASCode»

Address

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Website

www.strath.ac.uk